
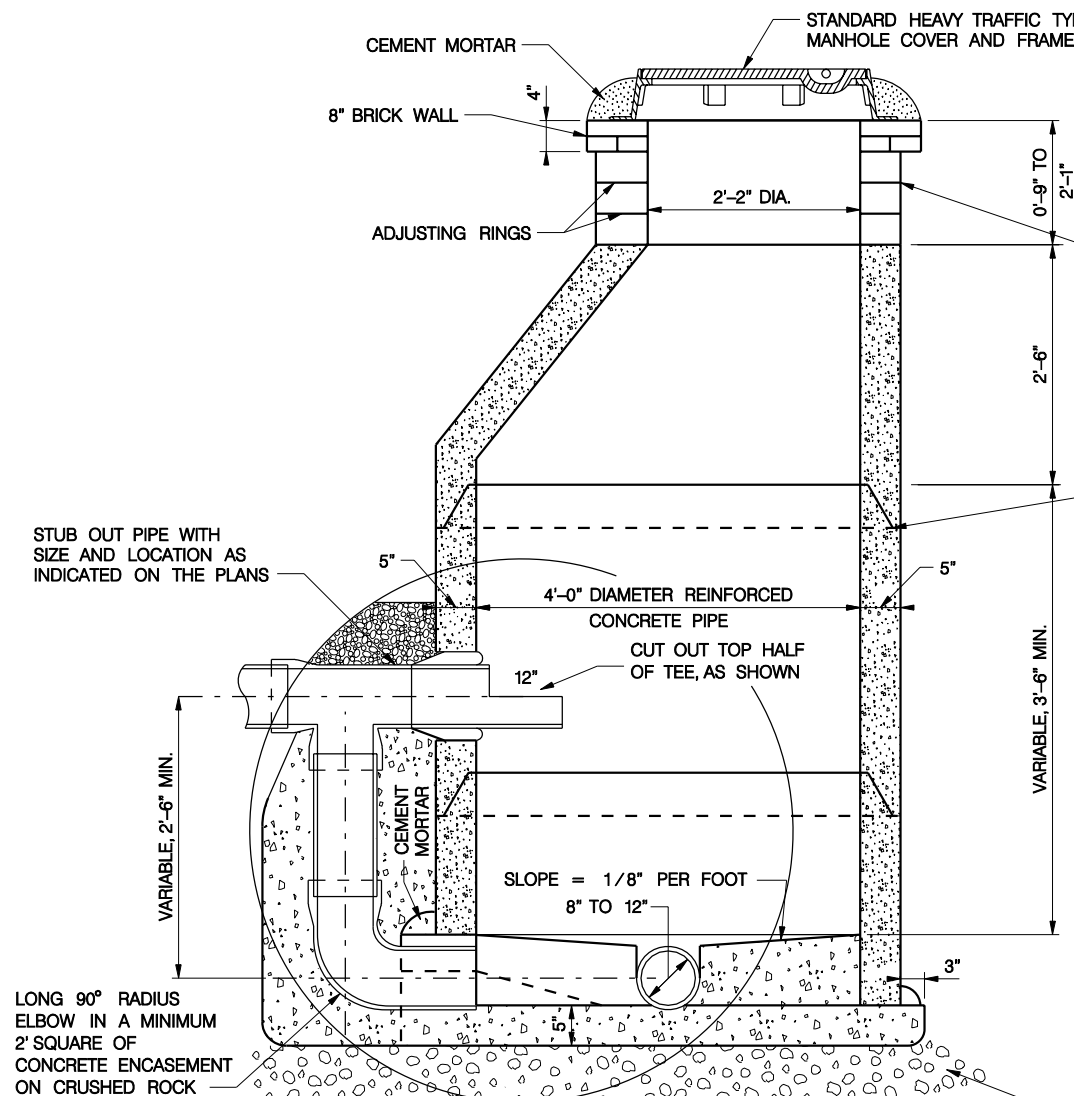
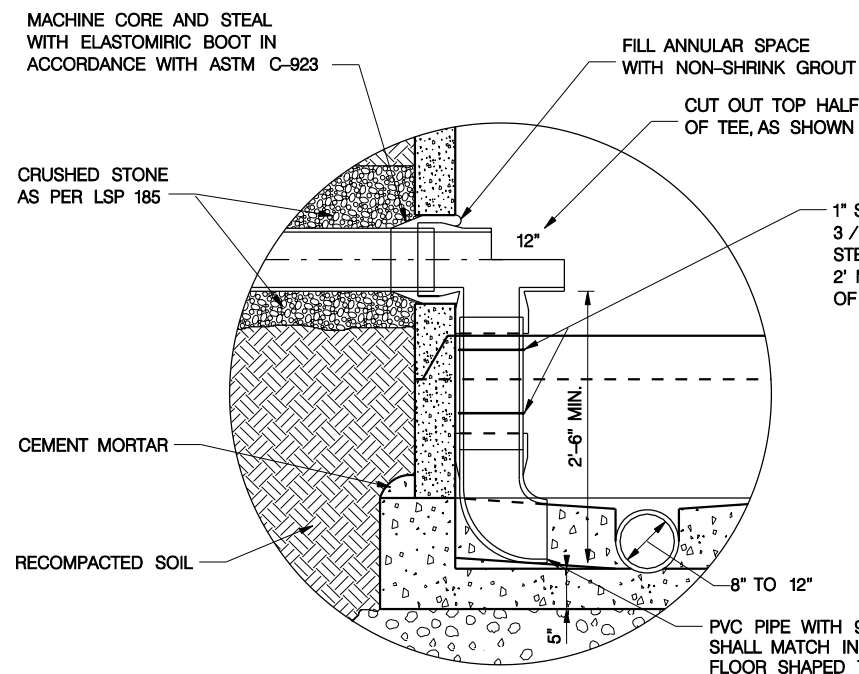


USER: SIECAW  
Fricke, March 17, 2008  
DATE: 03-2005  
DGN: ... (standard 2008) lwp200.dgn

	CITY PROJECT NO.	SHEET NO.
	LSP	1
	Date: 03-2005	Drawn: CAW
	Scale: NONE	Checked: Approved:

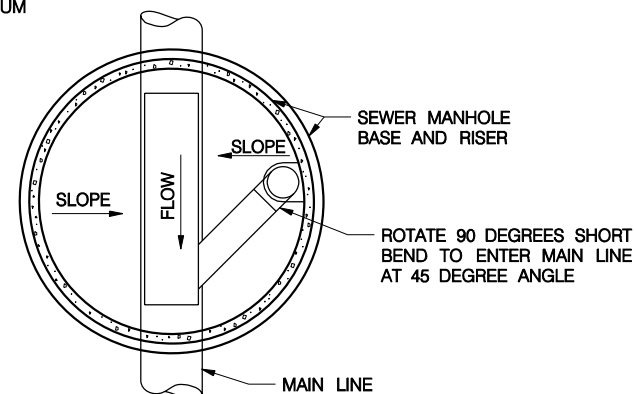


**TYPE "R" (OUTSIDE DROP)**



**TYPE "R" (INSIDE DROP 12" PIPE OR LESS)**

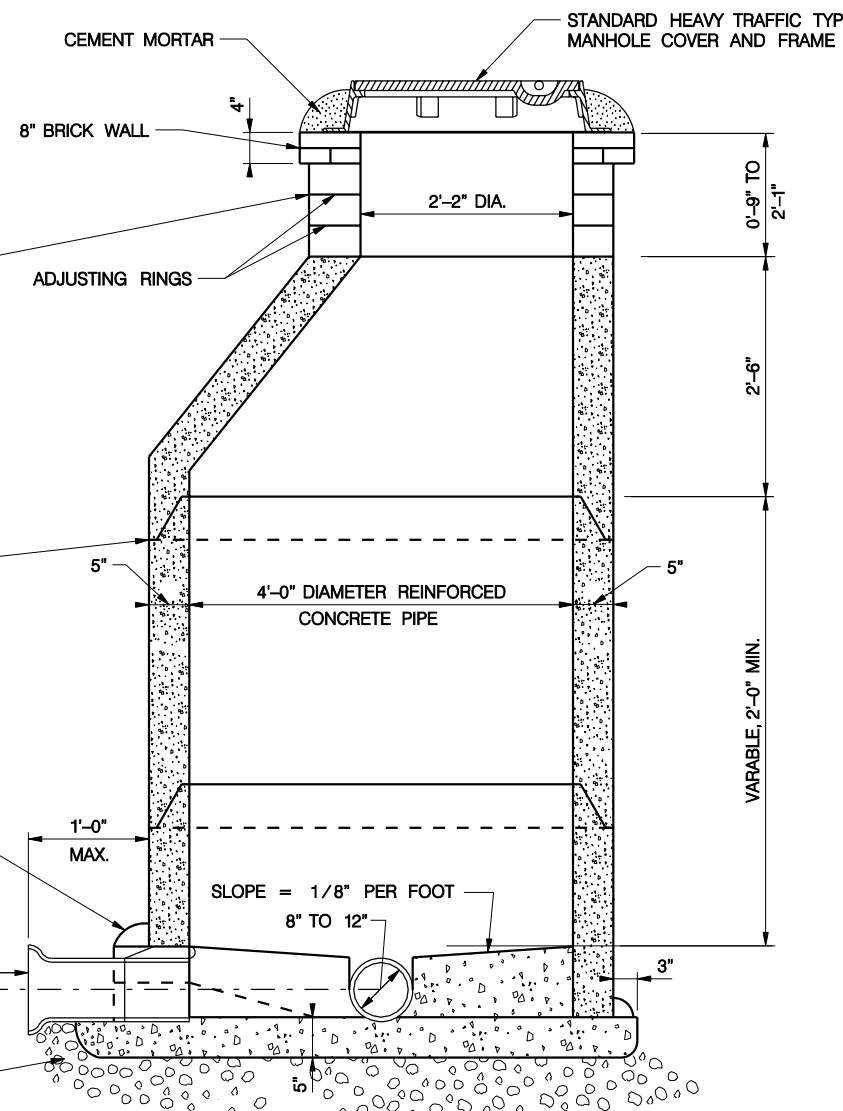
INSIDE DROP ALLOWED ON NEW CONSTRUCTION ONLY,  
WHEN THE EXISTING BARREL IS 5' DIAMETER OR MORE



**TYPE "R" INSIDE DROP PLAN  
(12" PIPE OR LESS)**

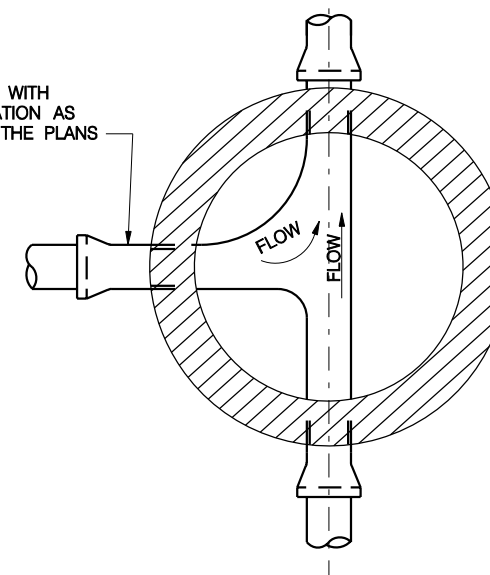
MINIMUM 1/2" MORTAR PLASTER  
ON OUTSIDE & INSIDE OF  
ADJUSTING RINGS AND BRICKS

APPROVED GASKET (SEE STANDARD  
SPECIFICATIONS) JOINTS SHALL BE  
MORTAR PLASTERED INSIDE AND  
OUTSIDE, WITH 1/2" MINIMUM THICKNESS  
6" ABOVE AND BELOW JOINTS  
TYPICAL



**TYPE "S" (LINE)**

STUB OUT PIPE WITH  
SIZE AND LOCATION AS  
INDICATED ON THE PLANS



**TYPICAL SECTION  
MANHOLE INVERT**

**GENERAL NOTES:**

MANHOLES MAY BE CONSTRUCTED OF BRICK OR CONCRETE.

ALL MANHOLES ARE TO BE CONSTRUCTED CIRCULAR IN  
PLAN SIMILAR TO DRAWING.

CONCRETE IN MANHOLE SHALL BE L3500, VIBRATED IN  
PLACE.

ALL JOINTS ON BRICK MANHOLES SHALL BE SHAVED,  
CAREFULLY STRUCK WHEN LAID, THE OUTSIDE SHALL BE  
FILLED WITH MORTAR, FLUSH WITH THE OUTSIDE OF THE  
BRICK.

BRICK MANHOLES SHALL BE FINISHED WITH ONE HALF  
INCH PLASTER COAT ON THE OUTSIDE & INSIDE COMPOSED  
OF CEMENT MORTAR, ONE PART PORTLAND CEMENT AND  
THREE PARTS SAND BY VOLUME.

THE CAST IRON MANHOLE RING SHALL SET IN A BED OF  
MORTAR, AND CAREFULLY ADJUST TO PROPOSED GRADE.

MANHOLE RING AND COVER SHALL BE CITY OF LINCOLN  
HEAVY TRAFFIC TYPE (SEE L.S.P. 162)

MANHOLE FLOOR SHALL BE FINISHED TO A SMOOTH  
SURFACE.

PLACE VERTICAL SIDE OF TAPER SECTION FARTHEST FROM  
BACK OF CURB.

PIPE MATERIAL FOR INSIDE DROP SHALL BE PVC (ASTM  
D3034, TYPE PSM SDR-35) TO MATCH LATERAL SIZE.

PIPE FITTINGS SHALL BE SOLVENT WELDED.

IN THE EVENT AN INSIDE DROP IS ADDED TO AN  
EXISTING MANHOLE, THE NEW DROP SHALL BE ON TOP OF  
THE FLOOR AND SPECIAL PERMISSION MUST BE OBTAINED  
FROM WASTEWATER IF THE BARREL IS LESS THAN 5'  
DIAMETER.

